

## Course Descriptions Master 2013-2014

Course Title Industrial Economics  
 Course Code EBC4007  
 ECTS Credits 6,5  
 Assessment None

| Period | Start    | End      | Mon | Tue | Wed | Thu | Fri |
|--------|----------|----------|-----|-----|-----|-----|-----|
| 4      | 3-2-2014 | 4-4-2014 | X   |     | X   |     |     |

Level Advanced  
 Coordinator Giacomo Valletta For more information: [g.valletta@maastrichtuniversity.nl](mailto:g.valletta@maastrichtuniversity.nl)  
 Language of instruction English

Goals As an advanced course in industrial economics it provides a comprehensive summary of some of the most advanced models of strategic interaction among firms. It is the ideal basis for research in industrial economics or a related field and a must for those planning a career in an (economic) consulting firm.

Description This advanced course provides theoretical insights of new industrial economics; using modern economic tools as optimising behaviour and strategic behaviour (game theory). This field of economics is concerned with the structure, conduct and performance of firms and markets. Moreover, in a partial equilibrium setting, attention is paid to a normative evaluation of market performance and to the potential role for government intervention. In oligopolistic markets the topics are: price or quantity competition, collusion, product selection, entry and exit, strategic behaviour under uncertainty, and research and development.

Literature Tirole J., The Theory of Industrial Organization, MIT press, Cambridge Massachusetts, 1988, or a comparable advanced book.

Prerequisites Intermediate microeconomics, some game theory or some industrial organisation (at least two of the three), such as: - Varian, 1999, Intermediate microeconomics, A Modern Approach, Norton, New York - Gibbons, R., 1992, A Primer in Game Theory, Harvester Wheatsheaf, New York - Martin, S., 1994, Industrial Economics, Economic Analysis and Public Policy, Prentice Hall, New Jersey as covered, for example, in 2.3 micro economics: - Choices, markets and welfare - Game Theory, basic concepts, practice and applications - Game Theory and economics - Strategic Firm Behaviour and Public Policy.  
 Exchange students need to have obtained a bachelor degree with a major in Business, Economics or Econometrics/Quantitative Economics.  
 an advanced level of English

Teaching methods PBL / Assignment

Assessment methods Written Exam

Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

|   |                                 |
|---|---------------------------------|
| Master Business Research                                  | Free Electives                  |
| Master Business Research Track OR                         | Free Electives                  |
| Master Econometrics and OR                                | Econometrics & OR Electives     |
| Master Econometrics and OR                                | Mathematical Economics          |
| Master Economic and Financial Research Track Econometrics | Electives                       |
| Master Economic and Financial Research Track Econometrics | Track Econometrics Core Courses |
| Master Economic and Financial Research                    | Electives                       |
| SBE Exchange Master                                       | Master Courses                  |
| SBE Non Degree Courses                                    | Master Courses                  |